2.17 Speed Drills: Number Bonds and Times Tables: Test Pack

Total Marks

GL ASSESSMENT EP.M18 · Calculators not allowed · about 45 minutes

Name: _____ Date: ____ / ____ / _____

A timed speed-drill pack for building instant, automatic recall of number bonds, times tables and division facts - the mental fluency that lets working stay fast enough for the real GL Assessment 11+ maths paper. Complete each block against its own 4-minute target without a calculator, writing only the final answer in the answer grid provided; no working space is given or needed. There are 4 blocks of 20 one-mark, answer-only questions: Block 1, number bonds to 100 and doubles/halves; Block 2, times tables to 12x12; Block 3, division facts and remainders; Block 4, a mixed block drawing on all three skills against the clock. Each block carries its own Target: 4 minutes heading; time yourself (or ask an adult to time you) and note how close you get to the target on each block.

1 Block 1: Number bonds to 100 and doubles/halves - Target: 4 minutes. What number must be added to 6 to make 10?

(1)

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2 What is 16 x 8?

- ☐ A) 112
- ☐ B) 128
- ☐ C) 129
- ☐ D) 144
- ☐ E) 136

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3 What is 48 ÷ 6?

- ☐ A) 24
- ☐ B) 8
- ☐ C) 42
- ☐ D) 7
- ☐ E) 9

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4 Halve 56.

(1)

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5 What is 138 ÷ 6?

- ☐ A) 132
- ☐ B) 6
- ☐ C) 22
- ☐ D) 24
- ☐ E) 23

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6 What is 320 ÷ 16?

- ☐ A) 21
- ☐ B) 20
- ☐ C) 19
- ☐ D) 16
- ☐ E) 304

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7 What is 264 ÷ 12?

- ☐ A) 22
- ☐ B) 12
- ☐ C) 252
- ☐ D) 23
- ☐ E) 21

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8 What is 289 ÷ 17?

- ☐ A) 16
- ☐ B) 18
- ☐ C) 272
- ☐ D) 19
- ☐ E) 17

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9 What is 187 ÷ 11?

- ☐ A) 16
- ☐ B) 176
- ☐ C) 17
- ☐ D) 19
- ☐ E) 18

---

10 What is 24 x 13?

- ☐ A) 312
- ☐ B) 288
- ☐ C) 325
- ☐ D) 336
- ☐ E) 313

---

11 What is 24 x 15?

- ☐ A) 336
- ☐ B) 361
- ☐ C) 360
- ☐ D) 384
- ☐ E) 39

---

12 What is 135 ÷ 15?

- ☐ A) 9
- ☐ B) 10
- ☐ C) 8
- ☐ D) 120
- ☐ E) 11

---

13 Double 65.

(1)

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14 What is 240 ÷ 10?

- [ ] A) 25
- [ ] B) 120
- [ ] C) 10
- [ ] D) 24
- [ ] E) 23

---

15 What is 17 x 10?

- [ ] A) 180
- [ ] B) 153
- [ ] C) 171
- [ ] D) 187
- [ ] E) 170

---

16 What is 144 ÷ 8?

- [ ] A) 18
- [ ] B) 136
- [ ] C) 8
- [ ] D) 19
- [ ] E) 17

---

17 What is 17 x 7?

- [ ] A) 102
- [ ] B) 136
- [ ] C) 129
- [ ] D) 118
- [ ] E) 119

---

18 What is 221 ÷ 17?

- [ ] A) 14
- [ ] B) 15
- [ ] C) 12
- [ ] D) 204
- [ ] E) 13

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19 What is 21 x 9?

- ☐ A) 189
- ☐ B) 210
- ☐ C) 168
- ☐ D) 30
- ☐ E) 188

---

20 What is 80 ÷ 10?

- ☐ A) 40
- ☐ B) 9
- ☐ C) 70
- ☐ D) 8
- ☐ E) 7

---

21 What is 119 ÷ 17?

- ☐ A) 102
- ☐ B) 17
- ☐ C) 6
- ☐ D) 8
- ☐ E) 7

---

22 What number must be added to 8.5 to make 100?

(1)

---

23 What is 266 ÷ 19?

- ☐ A) 133
- ☐ B) 14
- ☐ C) 13
- ☐ D) 15
- ☐ E) 19

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24 Double 126.

(1)

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25 What is 21 x 6?

- ☐ A) 136
- ☐ B) 125
- ☐ C) 105
- ☐ D) 126
- ☐ E) 147

---

26 What is 8 x 8?

- ☐ A) 74
- ☐ B) 72
- ☐ C) 64
- ☐ D) 63
- ☐ E) 56

---

27 What is 20 x 8?

- ☐ A) 160
- ☐ B) 159
- ☐ C) 140
- ☐ D) 170
- ☐ E) 180

---

28 What is 325 ÷ 13?

- ☐ A) 24
- ☐ B) 26
- ☐ C) 27
- ☐ D) 25
- ☐ E) 312

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29 Work out 10 x 7.

(1)

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30 Work out 4 x 9.

(1)

---

31 Work out 8 x 8.

(1)

---

32 Work out 6 x 6.

(1)

---

33 Work out 12 x 12.

(1)

---

34 Work out 56 / 7.

(1)

---

35 Work out 30 / 4, giving your answer as a whole number and remainder.

(1)

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36 Work out 44 / 5, giving your answer as a whole number and remainder.

(1)

---

37 What number must be added to 64 to make 100?

(1)

---

38 Double 9.

(1)

---

39 Halve 76.

(1)

---

40 Work out 9 x 11.

(1)

---

41 Double 3.4.

(1)

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42 What is 20 x 7?

- ☐ A) 140
- ☐ B) 150
- ☐ C) 160
- ☐ D) 120
- ☐ E) 147

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43 What is 80 ÷ 8?

- ☐ A) 8
- ☐ B) 40
- ☐ C) 11
- ☐ D) 9
- ☐ E) 10

---

44 What is 84 ÷ 7?

- ☐ A) 13
- ☐ B) 77
- ☐ C) 11
- ☐ D) 12
- ☐ E) 7

---

45 What is 10 x 7?

- ☐ A) 80
- ☐ B) 71
- ☐ C) 70
- ☐ D) 60
- ☐ E) 17

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Mark scheme · 2.17 Speed Drills: Number Bonds and Times Tables: Test Pack

Question 1

4 cao **B1**

Answer: 4

Question 2

correct option B (128) cao **B1**

Answer: B) 128

Question 3

correct option B (8) cao **B1**

Answer: B) 8

Question 4

28 cao **B1**

Answer: 28

Question 5

correct option E (23) cao **B1**

Answer: E) 23

Question 6

correct option B (20) cao **B1**

Answer: B) 20

Question 7

correct option A (22) cao **B1**

Answer: A) 22

Question 8

correct option E (17) cao **B1**

Answer: E) 17

Question 9

correct option C (17) cao **B1**

Answer: C) 17

Question 10

correct option A (312) cao **B1**

Answer: A) 312

Question 11

correct option C (360) cao **B1**

Answer: C) 360

Question 12

correct option A (9) cao **B1**

Answer: A) 9

Question 13

130 cao **B1**

Answer: 130

Question 14

correct option D (24) cao **B1**

Answer: D) 24

Question 15

correct option E (170) cao **B1**

Answer: E) 170

Question 16

correct option A (18) cao **B1**

Answer: A) 18

Question 17

correct option E (119) cao **B1**

Answer: E) 119

Question 18

correct option E (13) cao **B1**

Answer: E) 13

Question 19

correct option A (189) cao **B1**

Answer: A) 189

Question 20

correct option D (8) cao **B1**

Answer: D) 8

Question 21

correct option E (7) cao **B1**

Answer: E) 7

Question 22

91.5 cao **B1**

Answer: 91.5

Question 23

correct option B (14) cao **B1**

Answer: B) 14

Question 24

252 cao **B1**

Answer: 252

Question 25

correct option D (126) cao **B1**

Answer: D) 126

Question 26

correct option C (64) cao **B1**

Answer: C) 64

Question 27

correct option A (160) cao **B1**

Answer: A) 160

Question 28

correct option D (25) cao **B1**

Answer: D) 25

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Question 29

70 cao **B1**

Answer: 70

Question 30

36 cao **B1**

Answer: 36

Question 31

64 cao **B1**

Answer: 64

Question 32

36 cao **B1**

Answer: 36

Question 33

144 cao **B1**

Answer: 144

Question 34

8 cao **B1**

Answer: 8

Question 35

7 remainder 2 cao **B1**

Answer: 7 remainder 2

Question 36

8 remainder 4 cao **B1**

Answer: 8 remainder 4

Question 37

36 cao **B1**

Answer: 36

Question 38

18 cao **B1**

Answer: 18

Question 39

38 cao **B1**

Answer: 38

Question 40

99 cao **B1**

Answer: 99

Question 41

6.8 cao **B1**

Answer: 6.8

Question 42

correct option A (140) cao **B1**

Answer: A) 140

Question 43

correct option E (10) cao **B1**

Answer: E) 10

Question 44

correct option D (12) cao **B1**

Answer: D) 12

Question 45

correct option C (70) cao **B1**

Answer: C) 70

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